

ABSTRACT

The light layer 1 OEO data path system architecture of the present invention provides a solution to the data opaqueness (i.e. protocol and data rate specific) of traditional OEO optical cross-connect switches (e.g. SONET/SDH OXC) and the full optical transparency issues of all optical photonic switches. More specifically, the documented light layer 1 OEO data path system architecture of the invention solves numerous identified problems for SONET/SDH OEO cross-connect and all optical photonic switches.